

Workshop 3: How to use RRIDs, and identify and fix common data visualization problems

Thursday 16 November 2023 10:30 (2 hours)

In this hands-on workshop, participants will learn to use research resource identifiers (RRIDs) to specify exactly what materials were used, and learn to identify and fix common data visualization problems. RRIDs are unique persistent identifiers for cell lines, plasmids, antibodies, model organisms (e.g. mice, flies), software and tools, and core labs. We'll also address common data visualization problems, including understanding why you shouldn't use bar graphs for continuous data and determining what to use instead, strategies for creating colorblind accessible figures, and techniques for creating informative image-based figures and western blots. Participants may also design flow charts to show the number of included and excluded observations at each phase of the experiment. This information is essential to assess the risk of bias.

Format: This will be a flipped workshop, where participants watch instructional videos prior to the workshop. During the workshop, participants will apply what they have learned by critiquing visualizations from published papers and adding research resource identifiers to their methods section or supplies list.

What to bring to the workshop:

Your methods section, or a list of materials used in your research that require RRIDs

A laptop computer

Presenter: WEISSGERBER, Tracey (BIH at Charité)

Session Classification: Workshops